

REMARKS

Claims 1-66, 77 and 78 are pending, with claims 1, 7, 13, 21, 29, 37 and 52 being independent. Claims 1-20 have been elected previously for further prosecution.

Claims 77 and 78 have been withdrawn from consideration for being directed to a non-elected invention. Applicants request reinstatement of those claims since they depend from, respectively, elected claims 1 and 7, and, accordingly, cannot be directed to independent and distinct inventions as required by 37 CFR 1.142(a).

Independent claim 1 is directed to a light emitting device that includes pixels arranged in a matrix, with each pixel including a switching element and a light emitting element. At least one source signal line for supplying signals to a switching element includes a first conductor and a first conductive coating on upper and side surfaces of the first conductor. Independent claim 7 recites a similar light emitting device in which at least one power supply line for supplying potentials to a light emitting element includes a first conductor and a first conductive coating on upper and side surfaces of the first conductor. Finally, claim 13 recites a similar light emitting device in which at least one source signal line and at least one power supply line includes a conductor and a conductive coating.

Claims 1-20 have been rejected as being obvious over Shimada in view of Bestel. Applicants request reconsideration and withdrawal of this rejection because neither Shimada nor Bestel describes light emitting elements, and because nothing in Shimada or Bestel would have motivated one of ordinary skill in the art to apply the electroplating technique of Bestel to a source signal line or a power supply line of a light emitting device, as recited in the independent claims.

While Shimada describes pixels, Shimada does not describe or suggest light emitting elements. Rather, Shimada is directed to an active matrix substrate that employs liquid crystal techniques. Nor does Bestel describe light emitting elements. Accordingly, no combination of Shimada and Bestel would describe or suggest a light emitting device including light emitting elements such as are recited in each of the independent claims. For at least this reason, applicants request reconsideration and withdrawal of the rejection.

As noted by the Examiner, Bestel indicates at col. 3, lines 15-22, that the electroplating techniques described by Bestel may be applied to any conductive area. However, this statement is insufficient to provide motivation for one of ordinary skill in the art to perform such electroplating on source signal lines or power supply lines to form conductive coatings such as are recited in the independent claims. In particular, a general statement that the technique could be applied in a wide range of contexts provides no indication that the technique should be applied in the particular contexts recited in the claims. Shimada also fails to provide motivation for the recited application of a conductive coating. Accordingly, for this additional reason, applicants request reconsideration and withdrawal of the rejection.

Attached is a marked-up version of the changes being made by the current amendment.

Applicants ask that all claims be allowed. Enclosed is a \$110 check for the Petition for Extension of Time fee. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

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Version with markings to show changes made

In the claims:

Claims 1, 7 and 13 have been amended as follows:

1. (Twice Amended) A light emitting device comprising:
a plurality of pixels arranged in a matrix, each of the plurality of pixels comprising a switching element and a light emitting element; and
a plurality of source signal lines for supplying signals to the switching element,
wherein at least one of the plurality of source signal lines comprises a first conductor and a first conductive coating on upper and side surfaces of the first conductor.

7. (Twice Amended) A light emitting device comprising:
a plurality of pixels arranged in a matrix, each of the plurality of pixels comprising a switching element and a light emitting element; and
a plurality of power supply lines for supplying potentials to the light emitting element,
wherein at least one of the plurality of power supply lines comprises a first conductor and a first conductive coating on upper and side surfaces of the first conductor.

13. (Amended) A light emitting device comprising:
a plurality of pixels arranged in a matrix, each of the plurality of pixels comprising a switching element and a light emitting element;
a plurality of source signal lines for supplying signals to the switching element; and
a plurality of power supply lines for supplying potentials to the light emitting element,
wherein at least one of the plurality of source signal lines comprises a first conductor and a first conductive coating on upper and side surfaces of the first conductor, and
wherein at least one of the plurality of power supply lines comprises a second conductor and a second conductive coating on upper and side surfaces of the second conductor.